

FILTER STRIP

PRACTICE DESCRIPTION				JOB CLASSES				
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
393	Filter Strip	Area	Acres	All				
TECHNICAL COMPETENCY REQUIREMENTS								
Prerequisites				Practice Knowledge, Skills, Abilities (KSAs)				
1. Employee must fulfill ALL the Technical Competency Requirements listed for this practice, and submit the specified number of plans for review to receive JAA. 2. Working knowledge of SWCC JAA Policy and Procedures, applicable conservation practice standard, and BMP policies. 3. Capability to complete “The NRCS-CPA-52 Environmental Evaluation Worksheet" or comparable site assessment form. 4. Working knowledge using the Excel Filter Strip Lifespan Design Spreadsheet. 5. Working knowledge of the application of Agronomy Technical Note no. 2 Using RUSLE2 for the Design and Predicted Effectiveness of Vegetative Filter Strips (VFS) or Sediment.				1. Knowledge of Vegetation Appropriate for Filter Strips. 2. Ability to Assess Site Conditions to Plan and Apply Filter Strips. 3. Knowledge of Species and Vegetation Management for Wildlife & Pollinators. 4. Knowledge of the Management Needed to Attain the Purpose(s) of the Filter Strips. 5. Ability to Layout a Filter Strip to Meet its Intended Purpose(s).				
PRACTICE PHASES								
INVENTORY AND EVALUATION (I&E)			DESIGN (D)			CONSTRUCTION & CERTIFICATION (C&C)		
1. Independently complete a minimum of two I&E packets on separate Planning Land Units (PLU) to identify and document resource concerns using the latest NRCS-CPA-52 Form (or equivalent) and GIS mapping tools (i.e. ArcMap, Toolkit, or Conservation Desktop) to develop Conservation Plan Maps. 2. Use the latest NRCS-CPA-52 (Sections A thru P) or comparable site assessment form to independently recommend and document resource alternatives/alternative action(s) needed to meet the client’s objective and achieve the intended purpose to mitigate associated resource concerns for two different Planning Land Units (PLU). 3. Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS CHECKLIST (see EFOTG, Section II) or comparable form, and ALL applicable resource assessments tools, such as erosion prediction tools, calculations, surveys, and soils investigations necessary to document existing resource conditions, resource concerns, and short-term/long term effects of proposed alternatives.			1. Independently complete a minimum of two designs/specifications for the desired practice on separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP standard and policies. 2. Independently fulfill/complete the “Design” deliverables in accordance with the most recent eFOTG practice Statement of Work (SOW), including O&M guidance, and any applicable Job Sheet(s), Implementation Requirements, or comparable SWCC practice specification sheet(s). 3. Completion of the latest NRCS-CPA-52 Worksheet, Sections A through P or comparable site assessment form. 4. Plan specification must include use of the Excel Filter Strip Lifespan Design Spreadsheet.			1. Independently complete a minimum of two construction/certification "check-outs" for the desired practice on separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP standard and policies. 2. Independently fulfill/complete the “Installation” & "Check Out” deliverables in accordance with the most recent eFOTG practice Statement of Work (SOW) or comparable SWCC form(s). 3. Independently compile, record, and complete practice certification activities using the latest NC-CPA-09 Form (“Conservation Practice Certification Form”) or comparable form. 4. Plan specification must include use of the Excel Filter Strip Lifespan Design Spreadsheet.		